Page 15, line 8, after "therein" insert --is--.

Page 16, line 8, delete "so far" and insert therefor --as long--.

Page 17, after line 12 insert the following:

--While the invention has been described in conjunction with specific embodiments, it will be evident to those skilled in the art in light of the foregoing description that many further alternatives, modifications and variations are possible. The present invention is intended to embrace all such alternatives, modifications, applications and variations as may fall within the spirit and scope of the appended claims.--

IN THE CLAIMS:

1. Amended) A method of manufacturing an ink jet printer head having a head base, comprising the [step of ejecting an ink by pressurizing an ink pressure chamber by means of a piezo-electric element deforming in response to an electric signal, provided on a head base forming said ink pressure chamber; wherein] steps of:

[a manufacturing method of said head base comprises a first step of] manufacturing a green sheet having a prescribed relief pattern in response to said head base; [a second step of] forming said head base by coating and solidifying a material for forming said head base on [the] a surface of said green sheet having said relief pattern; [a third step of] stripping off said head base from said green sheet; and [a fourth step of] forming a nozzle port for discharging the ink on said head base.

2. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [first] green sheet manufacturing step comprises a step of forming a resist layer in response to a prescribed pattern on a substrate of said green sheet, and then manufacturing said green sheet by forming said relief pattern on said substrate of said green sheet by etching.

3. (Amended) A method of manufacturing an ink jet printer head according to claim 2, wherein:

said substrate of said green sheet is a silicon wafer.

4. (Amended) A method of manufacturing an ink jet printer head according to claim 2, wherein:

said substrate of said green sheet is made of quartz glass.

5. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [first] green sheet manufacturing step comprises the steps of forming a resist layer in response to a prescribed pattern on a second green sheet, then converting said second green sheet and said resist layer into conductors, forming a metal layer by electrically depositing a metal by electroplating method, and then, stripping off said metal layer from said second green sheet and said resist layer to manufacture said green sheet.

10. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

[the] a recess of said relief pattern formed on said green sheet has a tapered shape having an opening larger than a bottom.

12. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

in said [third] head base stripping off step, said head base is stripped off from said green sheet by irradiating a light onto an interface between said green sheet and the head base.

13. (Amended) A method of manufacturing an ink jet printer head according to claim 12, wherein:

said head base is stripped off from said green sheet in the interior of a separating layer [and/or] or at an interface with said green sheet by providing said separating layer between said green sheet and said head base, and

irradiating said light onto the interface between said green sheet and the separating layer.

14. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [fourth] nozzle port forming step comprises forming said ink discharging nozzle port by [the] a lithographic method.

15. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [fourth] nozzle port forming step comprises forming said ink discharging nozzle port by means of a laser beam.

16. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [fourth] nozzle port forming step comprises forming said ink discharging nozzle port by means of a converging ion beam.

17. (Amended) A method of manufacturing an ink jet printer head according to claim 1, wherein:

said [fourth] nozzle port forming step comprises forming said ink discharging nozzle port by discharge fabrication.

18. (Amended) An ink jet printer head having a head base manufactured by [the manufacturing] a method comprising the steps of: [an ink jet printer head according to any one of claims 1 to 17]

manufacturing a green sheet having a prescribed relief pattern in response to said head base;

forming said head base by coating and solidifying a material for forming said head base on a surface of said green sheet having said relief pattern; stripping off said head base from said green sheet; and

forming a nozzle port for discharging the ink on said head base.

Please add the following new claims:

--19. An ink jet printer head according to claim 18, wherein:

said green sheet manufacturing step comprises a step of forming a resist layer in response to a prescribed pattern on a substrate of said green sheet, and then manufacturing said green sheet by forming said relief pattern on said substrate of said green sheet by etching.

20. An ink jet printer head according to claim 19, wherein:

said substrate of said green sheet is one of a silicon wafer and quartz glass.

21. An ink jet printer head according to claim 18, wherein:

said green sheet manufacturing step comprises the steps of forming a resist layer in response to a prescribed pattern on a second green sheet, then converting said second green sheet and said resist layer into conductors, forming a metal layer by electrically depositing a metal by electroplating method, and then, stripping off said metal layer from said second green sheet and said resist layer to manufacture said green sheet.

22. An ink jet printer head according to claim 18, wherein:

the material for forming said head base is a substance hardenable by imparting energy.

23. An ink jet printer head according to claim 22, wherein:

said energy is at least one of light and heat.

24. An ink jet printer head according to claim 18, wherein:

said head base is formed of a thermoplastic substance.

25. An ink jet printer head according to claim 24, wherein:

said thermoplastic substance is hydrated glass.

26. An ink jet printer head according to claim 18, wherein:

a recess of said relief pattern formed on said green sheet has a tapered shape having an opening larger than a bottom.

27. An ink jet printer head according to claim 18, wherein:

a stripping layer of a material having a low adhesion to said head base is formed on said green sheet surface having said relief pattern.

28. An ink jet printer head according to claim 18, wherein:

in said head base stripping off step, said head base is stripped off from said green sheet by irradiating a light onto an interface between said green sheet and the head base.

29. An ink jet printer head according to claim 28, wherein:

said head base is stripped off from said green sheet in the interior of a separating layer or at an interface with said green sheet by providing said separating layer between said green sheet and said head base, and irradiating said light onto the interface between said green sheet and the separating layer.

30. An ink jet printer head according to claim 18, wherein:

said nozzle port forming step comprises forming said ink discharging nozzle port by a lithographic method.

31. An ink jet printer head according to claim 18, wherein:

said nozzle port forming step comprises forming said ink discharging nozzle port by means of a laser beam.

32. An ink jet printer head according to claim 18, wherein:

said nozzle port forming step comprises forming said ink discharging nozzle port by means of a converging ion beam.

33. An ink jet printer head according to claim 18, wherein: